IN THE CLAIMS

Please amend the status of the claims, as presented in the ""*Literal English Translation of PCT Article 19 Amendments, filed December 16, 2004, for P.C.T. Application No. PCT/CH2003/000619*," as indicated below:

Claims 1-12 (canceled)

13. (new) A metronome for displaying tempo, time and the subdivision of time, of pieces of music or movement rhythms, comprising:

a display for optically displaying movement depicting an arc having a horizontal, uniform movement component and a vertical, accelerated movement component depicting a trajectory-parabola arc; and,

means for activating said display for providing optical movement to and fro at a settable frequency.

14. (new) The metronome for displaying tempo, time and the subdivision of time, of pieces of music or movement rhythms according to Claim 13, further comprising:

means for selective electrical production of sounds for a dynamic acoustic marking of turning points of said optical movement;

means for selective acoustic subdivision of time intervals between said turning points of said optical movement;

a sensor; and,

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an electronic circuit having software for detecting acoustic impulses for an optical or acoustic display of rhythm reproduced and dependent on settable run-ahead tolerances or settable run-behind tolerances of rhythms recorded via said sensor.

15. (new) The metronome for displaying tempo, time and the subdivision of time, of pieces of music or movement rhythms according to Claim 13, wherein said display includes a row of discrete light sources arranged along a trajectory-parabola arc, and means for activating said row of discrete light sources for producing a running light running to and fro along said row of discrete light sources at a settable frequency, means for selective electrical production of sounds for an acoustic marking of turning points of the running light and means for selective acoustic subdivision of time intervals between the turning points of the running light.

16. (new) The metronome for displaying tempo, time and the subdivision of time, of pieces of music or movement rhythms according to Claim 15, wherein said row of discrete light sources have individual light sources successively positioned at differing distances between successive said individual light sources, so that with time intervals between an illumination of individual light sources remaining the same, a trajectory of a body is capable of being optically

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simulated with respect to said vertical, accelerated movement component of said optical movement, said trajectory undergoing a negative acceleration in an upwards movement and a positive acceleration in a downwards movement, while said horizontal, uniform movement component of said optical movement remains uniform.

17. (new) The metronome for displaying tempo, time and the subdivision of time, of pieces of music or movement rhythms according to Claim 15, wherein said row of discrete light sources have individual light sources successively positioned at constant distances between successive said individual light sources, so that successive activation at differing time intervals of said individual light sources, a running light is produced for optically simulating a trajectory of a body with respect to said vertical, accelerated movement component of said optical movement, said trajectory undergoing a negative acceleration in an upwards movement and a positive acceleration in a downwards movement.

18. (new) The metronome for displaying tempo, time and the subdivision of time, of pieces of music or movement rhythms according to Claim 17, further comprising:

means for setting a symmetrical or asymmetrical tolerances to predefined metronome beats for detecting rhythms produced by a user, so that when said symmetrical or asymmetrical tolerances are exceeded by the user, cumulated

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measurement results and instructions for accelerating or decelerating user-rhythm are optically produced via a display or acoustically produced via a loudspeaker.

19. (new) The metronome for displaying tempo, time and the subdivision of time, of pieces of music or movement rhythms according to Claim 18, wherein said means for setting a symmetrical or asymmetrical tolerances to predefined metronome beats for detecting rhythms produced by a user include a microprocessor with software.

20. (new) The metronome for displaying tempo, time and the subdivision of time, of pieces of music or movement rhythms according to Claim 15, wherein said means for activating said row of discrete light sources includes a microprocessor for successively activating said individual light sources with a time interval for producing a running light for optically simulating a trajectory of a body with respect to said vertical, accelerated movement component of said optical movement, said trajectory undergoing a negative acceleration in an upwards movement and a positive acceleration in a downwards movement.

21. (new) The metronome for displaying tempo, time and the subdivision of time, of pieces of music or movement rhythms according to Claim 20, further comprising:

means for setting a symmetrical or asymmetrical tolerances to predefined metronome beats for detecting rhythms

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produced by a user, so that when said symmetrical or asymmetrical tolerances are exceeded by the user, cumulated measurement results and instructions for accelerating or decelerating user-rhythm are optically produced via a display or acoustically produced via a loudspeaker.

22. (new) The metronome for displaying tempo, time and the subdivision of time, of pieces of music or movement rhythms according to Claim 20, wherein said means for setting a symmetrical or asymmetrical tolerances to predefined metronome beats for detecting rhythms produced by a user include a microprocessor with software.

23. (new) The metronome for displaying tempo, time and the subdivision of time, of pieces of music or movement rhythms according to Claim 20, further comprising means for selecting acoustic tones of different frequencies, timbres and volumes and means for superimposing said acoustic tones of different frequencies, timbres and volumes on said optical movement so simulated, said means for selecting and said means for superimposing being controlled by said microprocessor, so that volume and intensity of an acoustic tone increases over movement of said running lights over said individual light sources of said arc, or over a portion thereof, and upon reaching outermost light sources of said arc, achieves a maximum or intensity center and thereafter fades.

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24. (new) The metronome for displaying tempo, time and the subdivision of time, of pieces of music or movement rhythms according to Claim 15, further comprising a setting display for setting and displaying a numerical count of said turning points of optical movement within a given time period and beat type and type of acoustic subdivision of each beat.

25. (new) The metronome for displaying tempo, time and the subdivision of time, of pieces of music or movement rhythms according to Claim 15, further comprising a setting display for setting and displaying a numerical count of said running light within a given time period and beat type and type of acoustic subdivision of each beat.

26. (new) The metronome for displaying tempo, time and the subdivision of time, of pieces of music or movement rhythms according to Claim 15, further comprising a digital counter for setting and displaying a number of turning points of said running light within a given time period.

27. (new) The metronome for displaying tempo, time and the subdivision of time, of pieces of music or movement rhythms according to Claim 26, further comprising:

means for selectively setting beat type; and,

a display for displaying said beat type selectively set.

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